

Kent Office
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PACIFIC

POWER GENERATION

Division of Pacific Power Group
Generator Maintenance Report

Ridgefield Office
6100 S 6th Way
Ridgefield, WA 98642
360-887-5980 Office
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Customer Information				Generator Information		
Customer	Site Name / Number	Address		Generator Make	Generator Model	Generator Serial
WA DOT	KIEWIT	1301 W. HERON ST. ABERDEEN WA. 98520		MTUOE	DS0080D65RAK0574	334849-1-1-0611
SRO #	Contact Name	Phone / Cell		Engine Make	Engine Model	Engine Serial
889431	BRIAN	253-858-6469		JOHN DEERE	4045HF285	PE4045L169466
Date	Hour Meter	Email		ATS Make	ATS Model	ATS Serial
6/15/2016	155.3				ZG2SA01535-07E601X	1616902-1
Exercise Day	Exercise Time	L / NL	Phase	KW Rating	Volts	Amps
						#DIV/0!

Type of Work Being Performed

Annual Service

1.0 Engine - Battery System

1. Check Battery Electrolyte Level					ok				
2. Check Battery Connections & Terminals					Group Num.	31P	ok		
3. Check Battery Age					Last Change	Jun-15	OK		
4. Load Test Battery (Batteries)					OK				
Battery	Amps	Voltage	Pass	Fail	Battery	Amps	Voltage	Pass	Fail
#1	950CCA	10.2V	PASS		#3				
#2					#4				

2.0 Engine - Lubricating System

1. Check Oil Level				Oil Added	CHANGED	Changed/Service
2. Check for Leaks						OK
3. Check Engine Oil Pressure				Oil PSI	57	OK
4. Take Oil Sample						OK
5. Change Engine Oil ,Oil Filters				Part #:	RE504836	Changed/Service
6. Check Hydraulic / Mechanical Governor Oil Level						N/A

3.0 Engine - Cooling System

1. Cooling System Type				RADIATOR		OK
2. Check Coolant Level & Freeze Point				Degree F	-32 F	OK
3. Check for Leaks						OK
4. Check Radiator Ductwork & Fan Shroud						OK
5. Check Fan Hub, Drive Pulley, Belt Tension/Condition & Water Pump Weep Hole						OK
7. Check Coolant Condition				Brand	DETROIT	OK
8. Check Coolant Heater Operation				Model	KHTPS151GT10-005	OK
9. Check Hose Condition and Connections				Approx Age	5 YRS	OK
10. Change Coolant Filter (if equipped)				Part #	N/A	N/A
11. Operating Water Temperature				Degree F	171 F	OK
12. Pressure Test Cooling System (if applicable)						OK
13. Check Radiator Cap				PSI Rating	15 LBS	OK
14. Check Motor or Mechanical Louver Operation						N/A
15. Water Onsite for Flushing Unit				Cooling System Capacity	8 GAL	NO

4.0 Engine - Air Intake System

1. Check for Leaks						OK
2. Check Air Cleaner and Restriction				Part #	77167	OK
3. Check all Air Intake Piping						OK

5.0 Engine - Fuel System

1. Fuel System Type/Size of Tank				DIESEL	240 GAL.	OK
2. Check for Leaks						OK
3. Check Fuel Lines & Conections						OK
4. Check Governor Control Linkage (if equipped)						N/A
5. Check Daytank Fuel Transfer Pump for Leaks and Operation						N/A

5.0 Engine - Fuel System Continued

6. Drain Water Separator Filters (if equipped)					Changed/Service
7. Fuel Level	Main Tank	72%	Day Tank	N/A	OK
8. Change Fuel Filters	Part #:	RE522878	RE541922		Changed/Service
9. Change Day Tank Supply Filter (if equipped)					N/A

6.0 Engine - Electrical System

1. Check Charging System	Alt Charge	14.1 v	Batt Charge	13.2 v	OK
2. Check Spark Plugs, Plug Wires, Points, Cond, Cap & Rotor					N/A
3. Check Engine Safety Controls, Alarms on Non ECM based Engines					N/A

7.0 Engine - Related Systems

1. Check for Vibration & Metal Cracks					OK
2. Check Engine Mounting Hardware					OK
3. Grease Fan Pillow Block Bearing (if equipped)					N/A

8.0 Main Generator

1. Visual Inspection of Windings for Damage or Debris					OK
2. Check Air Inlet & Outlet Restrictions					OK
3. Perform Operational Load Test with Site Load (only when approved by customer)					N/A
4. Check Output Circuit Breaker for Loose or Unsatisfactory Load and Line Lug Connections (when safe to do so)					OK

9.0 Engine - Exhaust System

1. Check for Leaks					OK
2. Check Exhaust Condition (I.E. hangers, rain cap, etc)					OK

10.0 Transfer Switch

1. Visually Check all Connections for Signs of Heat or Other Problems							OK		
2. ATS System Tested							N/A		
3. A/C Meter Readings		A/C Voltage	A-B	B-C	C-A	A/C Amperage	A	B	C
4. Frequency	60 HZ		480	480	480		0	0	0

11.0 After-run Checks

1. Switch on the Generator is in "AUTO" & Circuit Breakers Closed					YES
2. Unit is Operational at the Time of Inspection					YES

Comments / Recommendations

PERFORMED FULL SERVICE. TOOK FLUID SAMPLES. THE GENERATOR IS IN GOOD CONDITION.
BLOCK HEATER RUNNING TOO HOT AT ABOUT 150 F. I WOULD RECOMMEND BLOCK HEATER REPLACEMENT ON NEXT VISIT.

Coolant Tracking #:	15288X00689	Fuel Tracking #:	15288X00666	Oil Tracking #:	15288X00690
Technician Signature: ALEX KONDRATYUK					Date: 6/15/2016
Customer Signature:					Date: